

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/033949

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61L29/14 A61L29/16 A61L31/16 A61L31/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, PAJ, EMBASE, MEDLINE, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/26702 A (THE UNIVERSITY OF AKRON) 19 April 2001 (2001-04-19) page 4, line 26 - line 30 page 5, line 16 - line 31	1-28
X	US 5 948 018 A (DEREUME ET AL) 7 September 1999 (1999-09-07)	1, 2, 9-15, 24-28
Y	paragraphs '0014! - '0016!; claims 1-4	22, 23
Y	US 2001/041184 A1 (FITZHUGH ANTHONY L ET AL) 15 November 2001 (2001-11-15) paragraphs '0064!, '0065!	22, 23
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

4 March 2005

Date of mailing of the international search report

14/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Bochelen, D

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/033949

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DOSHI J ET AL: "Electrospinning Process and Applications of Electrospun Fibers" JOURNAL OF ELECTROSTATICS, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 35, no. 2, August 1995 (1995-08), pages 151-160, XP004040895 ISSN: 0304-3886 the whole document	1-28
A	PULFER S K ET AL: "INCORPORATION OF NITRIC OXIDE-RELEASING CROSSLINKED POLYETHYLENEIMINE MICROSPHERES INTO VASCULAR GRAFTS" JOURNAL OF BIOMEDICAL MATERIALS RESEARCH, WILEY, NEW YORK, NY, US, vol. 37, no. 2, November 1997 (1997-11), pages 182-189, XP000978327 ISSN: 0021-9304 the whole document	1-28
A	SMITH DANIEL J ET AL: "Nitric oxide-releasing polymers containing the (N(O)NO)- group" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 39, no. 5, 1996, pages 1148-1156, XP002157493 ISSN: 0022-2623 the whole document	1-28

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/033949

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0126702	A	19-04-2001	US 6737447 B1	18-05-2004
			AT 237372 T	15-05-2003
			AU 8000600 A	23-04-2001
			CA 2386765 A1	19-04-2001
			DE 60002227 D1	22-05-2003
			DE 60002227 T2	08-04-2004
			DK 1220694 T3	11-08-2003
			EP 1220694 A2	10-07-2002
			WO 0126702 A2	19-04-2001
			US 2004131753 A1	08-07-2004
US 5948018	A	07-09-1999	US 5723004 A	03-03-1998
			US 6165212 A	26-12-2000
			US 6309413 B1	30-10-2001
			US 5632772 A	27-05-1997
			US 5639278 A	17-06-1997
			US 5855598 A	05-01-1999
US 2001041184	A1	15-11-2001	US 6270779 B1	07-08-2001
			AU 5946401 A	20-11-2001
			EP 1280567 A2	05-02-2003
			JP 2004500921 T	15-01-2004
			WO 0185227 A2	15-11-2001